



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2635  
41

Applicants: Anders Edvard TRELL Attorney Docket: P66885US0  
Serial No.: 09/902,657 Group Art Unit: 2635  
Filing Date: July 12, 2001 Examiner: Timothy EDWARDS JR.

For: POLYPHONIC/CHORDIC ANNOTATION METHOD

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## TRANSMITTAL

NOV 12 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2600

Sir:

Transmitted herewith is an Amendment and Response to the non-final office action under 37 C.F.R. 1.111 in the above captioned application.

XX Small Entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously submitted.

The fee has been calculated as shown below:

Claims Remaining	Highest Number	Present Extra	Small Entity Rate Addit. (or) Fee	Other Than A Small Entity Rate Addit. Fee
After Amendment	Previously Paid For			
Total	18 - 20	= 0	x09 = \$	x 18 = \$
Indep.	3 - 3	= 0	x44 = \$	x 88 = \$
Extension fee for response within <u>first</u> month			\$55.00	\$_____
Total Additional Fee			\$55.00	\$

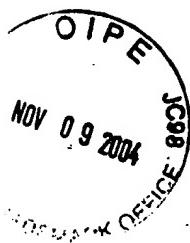
XX Credit Card Payment in the amount of \$55.00 is attached.

XX If a Petition for Extension of Time is necessary and the Petition and/or the check is not enclosed, this will act as the Petition and applicant herewith petitions the Commissioner to extend the time for response and charge any fees necessary under 37 CFR 1.17 (a)(1)-(5) to Deposit Account No. 06-1358. The Commissioner is also authorized to charge payment of any other additional fees associated with this communication or credit any overpayment to Deposit Account No. 06-1358. A duplicate copy of this sheet is attached.

JACOBSON HOLMAN, PLLC

Dated: November 9, 2004  
400 Seventh Street, N. W.  
Washington, D.C. 20004-2201  
JCH/JC

By: JCH/JC  
John C. Holman  
Reg. No. 22,769



PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Anders Edvard TRELL

Serial No.: 09/902657

Group Art Unit: 2635

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Technology Center 2000

Filed: July 12, 2001

For: POLYPHONIC/CHORDIC ANNOTATION METHOD

**LETTER CLAIMING BENEFIT OF DISCLOSURE DOCUMENT**

Commissioner of Patents  
Washington, DC 20231

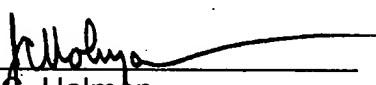
Sir:

The attached copy of Disclosure Document 486630 filed December 27, 2000 is filed in the above-captioned application. It is also requested that this particular Disclosure Document be placed in the file history of USSN 09/902657 to show that this Disclosure was received at the Patent and Trademark Office on December 27, 2000.

Respectfully submitted,

JACOBSON, HOLMAN PLLC

By:

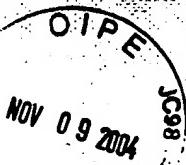
  
John C. Holman  
Reg. No. 22,769

400 Seventh Street, N.W.  
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Atty. Dkt. No.: P66885US0  
Date: October 24, 2001  
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JH Ref P66885US0 Today's Date 10/24/01  
Serial/Patent No. 09/902657  
Applicant, Pattee, Assignee Anders Edvard TRELL  
Filing Date/Patent Date July 12, 2001

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- \_\_\_\_\_ pp. Specification & \_\_\_\_\_ Claims     Response to Office Action  
 Combined Declaration, Power of Attorney     Disclosure Statement-IDS  
 Preliminary Amendment     Copies of References (2)  
 Rule 53 (b) Application     Request for Refund  
 Rule 53 (d)/RCE Application     Request for Corrected Filing Receipt  
 Claim to Priority and Certified Copy     Petition for XOT  
 Substitute     Subsequent Declaration     Notice of Appeal/Brief  
 Maintenance Fee     Informal     Sequence Listing  
 Drawings    Sheets    Formal     Issue Fee Transmittal  
 Assignment/Change of Name     Other Letter Claiming Benefit  
 Small Entity Declaration     Disclosure Document;  
 Check for \$ \_\_\_\_\_  
 *OCT 24 2001*  
 *PATENT & TRADEMARK OFFICE*  
 *JACOBSON HOLMAN PLLC*  
 *400 SEVENTH STREET, N.W.*  
 *WASHINGTON, D.C. 20004*  
 *Copy Disc. Doc. 486650*

JH 5/01

DUE DATE 11/12

Person filing DIS

N.B.: The herewith presented composition is an artistic work, for which copyright applies:

(C) 2001, Anders Edward Trell, all rights reserved

OIPE  
NOV 09 2004

Programmatic annotation score for harmonic execution  
for keyboard instrument performing: Theme for variations.

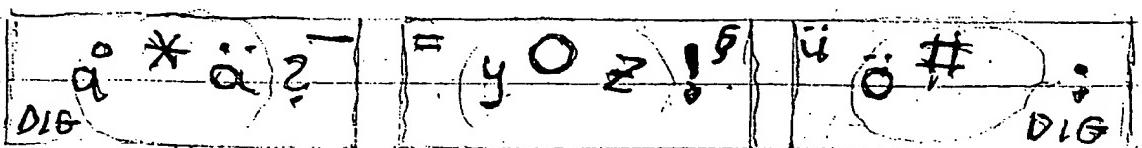
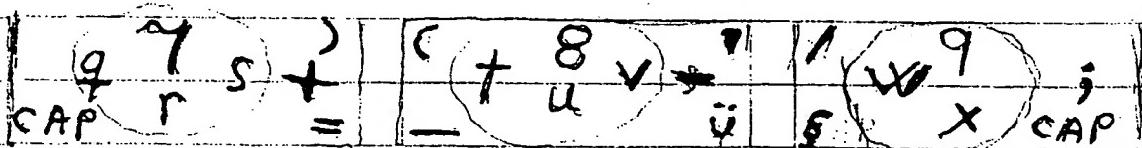
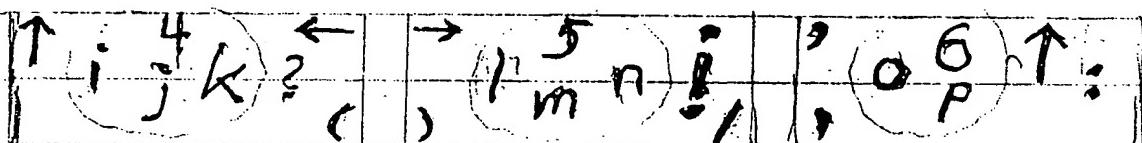
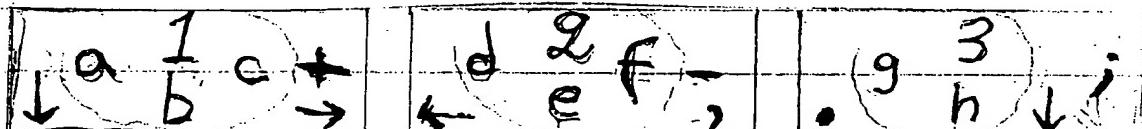
Certain keyboard instruments (e.g. telephones) have so far only been able to perform monodic (i.e. homophonic, melismatic) when enacted through their keyboard. This monotonous performance restricts their expressiveness unnecessarily. The herewith presented polyphonic/chordic annotation composition score plan allows, by introducing this novel chordic progression programmatic note-system, for much more pleasing intonation, tuning and recital and with much more ease, grace and performance.

This novel comprises a work of art as radical and important for the betterment of the performance of certain keyboard instruments as was the abandonment and replacement of the mensural monodic annotation system for the development of western music art.

I will now expose this my work of art by reference to one applicable instrument, i.e. a mobile phone, further illustrated by a written out variation of the given theme. Said phone is a keyboard instrument having a standardized keyboard whereby one, after some practice, can perform one's recital program. However, due to it's hitherto

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very restricted monodic capability of responding to and executing the performer's playing it's keyboard, same is restricted to only tedious, dull and rudimentary tracting such as monodic sequencing, repetition, pausing etc., which adversely limits the expressive gamut. What I here have composed allows the instrument to also respond to chordic harmony play, i.e. the performance is drastically improved. The chords are taken by the performer on the keyboard, as well as some other annotated playing grips, and the consonance thereof conducts the instrument's response in an expected way. The essentially simultaneous touching of more than one key leads to a chord being produced and responded to by the instrument. This modality is the thematic material of this herein presented artistic work, a pictorial representation of one variation whereof, hereunder now will be ~~presented~~ given.



Significant features of this annotated variation are:

- Chords typically formed by just two keys.
- The numeric keys fingering are (when the instrument has been tuned to the appropriate modality): The "1" key alone gives "a", "1" and "4" chord = "b", and "1"+3" chord = "c"; etc. for keys "2", "4", "5", "7", "8". The "3" key gives "g", and "3"+6" = "h"; etc. for "6" and "9". "0" = "y" and "0"+# = "z". Specific letters or signs occupy "\*" and "#". When two keys surrounded or sided by two same signs are fingered, that chord results in that recital.
- Shape and form of keys, signs etc. may of course vary; other letters (e.g. Kyrylic, maharathi) or signs (e.g. musical notes) also; and some/all of peripherically put signs/symbols can be altered and/or put on a key-surrounding shell; the entire keyboard may be covered by an inscribed membran; or a touch sensitive display may substitute; other modalities, e.g. calculator, plays, music, can be performed by playing the appropriated keys. Also the standard labeling of keys (where key "2" has abc etc.) can be handled, but some chords should most likely comprise of at least three keys, to compensate for the unbalance present. Apart from solo play the program can also offer ensemble play, e.g. in duet with Itap, Tq. Re the CAP it's taking can apart from capitals also result in (displayed) alterations of peripheral note signs, it's taking twice can mean sustain, released by yet another touch.

Like modalities can apply for DIG which enables numerics, whereas " " taken twice may give quotation mark.

Above rendering forms my original and unique artistic work, and as with all works of art, pieces of music, literature, pictures etc the sole intellectual property right remains with its artist. It is also, as all works of art, building on prior art but not depriving that of its own value or taking away the option of enjoying it still. Hence any party wanting to enjoy this my work, or actually to use, imitate, reproduce, materialize, elaborate, transcribe, modulate, permute or elsewise build on it is deemed to do so of own choice and because of cultivated appreciation and preference, and hence should be aware that I, Anders Edgar Trell (further identifiable by e.g. current U.S. Social Security Number 605.40.8790), herewith claim copyright for this my work of art; © 2001, All rights reserved, and claim just compensation for this my significant and valuable contribution to art.